

Katherine Ea Hooper

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

666
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	Humidity resistant fabrication of CH ₃ NH ₃ PbI ₃ perovskite solar cells and modules. Nano Energy, 2017, 39, 60-68.	16.0	197
2	Slot-die coating of perovskite solar cells: An overview. Materials Today Communications, 2020, 22, 100808.	1.9	100
3	Sources of Pb(0) artefacts during XPS analysis of lead halide perovskites. Materials Letters, 2019, 251, 98-101.	2.6	89
4	High throughput fabrication of mesoporous carbon perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 18643-18650.	10.3	65
5	Roll-to-roll slot-die coated Pâ€“Iâ€“N perovskite solar cells using acetonitrile based single step perovskite solvent system. Sustainable Energy and Fuels, 2020, 4, 3340-3351.	4.9	53
6	Perovskite Photovoltaic Modules: Life Cycle Assessment of Pre-industrial Production Process. IScience, 2018, 9, 542-551.	4.1	51
7	Non-fullerene acceptor photostability and its impact on organic solar cell lifetime. Cell Reports Physical Science, 2021, 2, 100498.	5.6	35
8	From spin coating to rollâ€“roll: investigating the challenge of upscaling lead halide perovskite solar cells. IET Renewable Power Generation, 2017, 11, 546-549.	3.1	25
9	Near Infrared Radiation as a Rapid Heating Technique for TiO ₂ Films on Glass Mounted Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2014, 2014, 1-8.	2.5	17
10	Meniscus Guide Slot-Die Coating For Roll-to-Roll Perovskite Solar Cells. MRS Advances, 2019, 4, 1399-1407.	0.9	17
11	Spray PEDOT:PSS coated perovskite with a transparent conducting electrode for low cost scalable photovoltaic devices. Materials Research Innovations, 2015, 19, 482-487.	2.3	9
12	Rapid radiative platinisation for dyeâ€“sensitised solar cell counter electrodes. Progress in Photovoltaics: Research and Applications, 2014, 22, 1267-1272.	8.1	7
13	Comparative Study of Radiative Heating Techniques for Fast Processing of Functional Coatings for Sustainable Energy Applications. Johnson Matthey Technology Review, 2022, 66, 32-43.	1.0	1
14	Influence of Non-Fullerene Acceptors on the Photostability of Organic Photovoltaics in Inert Atmospheres. , 0, , .		0